

What is Claimed Is:

1. Door lock for a motor vehicle, having an operable driving element and an output element forming a closure of the door lock as well as having a torque transmitting device which connects the driving element with the output element and which has a bendable shaft section and drivers each arranged at the ends of the shaft section, one driver being non-rotatably connected with the driving element and the other driver being non-rotatably connected with the output element,

wherein the torque transmitting device is constructed in one piece of a plastic material together with its drivers and the flexible shaft section.

2. Door lock according to Claim 1, wherein the cross-section of the shaft section is circular.

3. Door lock according to Claim 1, wherein the cross-section of the shaft section is four-cornered.

4. Door lock according to Claim 1, wherein the shaft section has at least one cross-sectional weakening.

5. Door lock according to Claim 1, wherein the plastic material for the torque transmitting device is essentially inelastic.

6. Door lock according to Claim 4, wherein the cross-sectional weakening is constructed as a depression in the shaft section which extends in a circumferential direction (UR).
7. Door lock according to Claim 4, wherein several cross-sectional weakenings are situated behind one another as viewed in an axial direction (AR) of the torque transmitting device.
8. Door lock according to Claim 6, wherein wherein several cross-sectional weakenings are situated behind one another as viewed in an axial direction (AR) of the torque transmitting device..
9. Door lock according to Claim 4, wherein the cross-sectional weakening follows a helical line without interruptions or in an offset manner.
10. Door lock according to Claim 6, wherein the cross-sectional weakening follows a helical line without interruptions or in an offset manner.
11. Door lock according to Claim 7, wherein the cross-sectional weakening follows a helical line without interruptions or in an offset manner.
12. Door lock according to Claim 4, wherein the cross-sectional weakening is constructed as a groove, particularly an annular groove or a radial groove, or as a

constriction.

13. Door lock according to Claim 6, wherein the cross-sectional weakening is constructed as a groove, particularly an annular groove or a radial groove, or as a constriction.

14. Door lock according to Claim 7, wherein the cross-sectional weakening is constructed as a groove, particularly an annular groove or a radial groove, or as a constriction.

15. Door lock according to Claim 9, wherein the cross-sectional weakening is constructed as a groove, particularly an annular groove or a radial groove, or as a constriction.

16. Door lock according to Claim 4, wherein the cross-sectional weakening is implemented as a breakthrough in the shaft section.

17. Door lock according to Claim 16, wherein the shaft section is hollow, at least in sections.

18. Door lock according to Claim 6, wherein the depression is constructed as at least one radial groove which extends around in a circumferential direction (UR) but is bounded, and

wherein another radial groove is situated at a distance therefrom as viewed in the circumferential direction (UR).

19. Door lock according to Claim 12, wherein the depression is constructed as at least one radial groove which extends around in a circumferential direction (UR) but is bounded, and

wherein another radial groove is situated at a distance therefrom as viewed in the circumferential direction (UR).

20. Door lock according to Claim 18, wherein several radial grooves bounded in the circumferential direction (UR) are situated behind one another in a spaced manner as viewed in the axial direction (AR).

21. Door lock according to Claim 20, wherein several radial grooves situated at a mutual axial distance are offset with respect to one another in the circumferential direction (UR).

22. A torque transmitting device for a motor vehicle door lock of the type having a driving element and an output element, said torque transmitting device including:

a bendable shaft section,

a first driver at a first end of the shaft section which in use is non-rotatably connected with the driving element,

a second driver at a second end of the shaft section which in use is non-rotatably connected with the output element, and

wherein the torque transmitting device including the shaft section and the first and second drivers is formed in one piece of plastic material.

23. A torque transmitting device according to claim 22, wherein said bendable shaft section has at least one cross-sectional weakening along its length.

24. Door lock according to Claim 23, wherein the cross-sectional weakening is constructed as a depression in the shaft section which extends in a circumferential direction (UR).

25. Door lock according to Claim 24, wherein several cross-sectional weakenings are situated behind one another as viewed in an axial direction (AR) of the torque transmitting device.

26. Door lock according to Claim 24, wherein the cross-sectional weakening follows a helical line without interruptions or in an offset manner.

27. Door lock according to Claim 24, wherein the cross-sectional weakening is constructed as a groove, particularly an annular groove or a radial groove, or as a constriction.

28. Door lock according to Claim 24, wherein the cross-sectional weakening is implemented as a breakthrough in the shaft section.

29. A method of making the torque transmitting device according to claim 22, said method comprising injection molding the torque transmitting device.